

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. (Currently Amended) A method of preventing biofilm formation comprising inhibiting the gacA/gacS regulatory system of an organism wherein biofilm formation is prevented.
2. (Previously Presented) The method of Claim 1 wherein the organism is *Pseudomonas sp.*
3. (Previously Presented) The method of Claim 1 wherein the inhibition is produced by an antibody to gacS.
4. (Withdrawn) A composition useful for preventing biofilm formation comprising a compound which inhibits the gacA/gacS regulatory system in a pharmaceutically acceptable form.
5. (Withdrawn) The composition of Claim 4 wherein the compound is an antibody to gacS.
6. (Withdrawn) The composition of Claim 4 wherein the compound is a small molecule which inhibits gacS
7. (Withdrawn) A method to treat a biofilm infection in a subject comprising inhibiting the gacA/gacS regulatory system of an organism.
8. (Previously Presented) The method of Claim 2 wherein the organism is *P. aeruginosa* or *P. chlororaphis*.

9. (Withdrawn) The method of Claim 7 wherein the inhibition is produced by antibodies to gacS.

10. (Withdrawn) A method of regulating biofilm formation by an organism comprising modulating the gacA/gacS regulatory system of the organism.

11. (Withdrawn) The method of Claim 10 wherein the organism is a symbiotic bacterium.

12. (Withdrawn) The method of Claim 10 wherein the organism is a plant root bacterium.

13. (Withdrawn) The method of Claim 10 wherein the organism is *P. chlororaphis*.

14. (Withdrawn) The method of Claim 10 wherein modulating is produced by antibodies to gacS.

15. (Withdrawn) The method of Claim 10 wherein modulating is produced by a small molecule specifically binding with gacS of the organism.

16. (Withdrawn) A composition useful for regulating biofilm formation by an organism comprising a compound which modulates the gacA/gacS regulatory system of the organism.

17. (Withdrawn) The composition of Claim 15 wherein the compound is an antibody to gacS.

18. (Withdrawn) The composition of Claim 15 wherein the compound is a small molecule specifically binding with gacS of the organism.